

# NESIIS Data Exchange Basics

## What Is It?

- Electronically sharing data from an organization/vendor to NESIIS

## Why Do It?

- Eliminate double-entry of immunizations
- Access to data (helping create complete immunization records)
- Helps Meet “Meaningful Use” policies
- Helps meet HITECH requirements

## Costs:

- Clinics should reach out to their EMR provider or IT support to assess cost for pulling data
- The State does not charge for its part in providing this service

## Types of Exchange:

### Flat File: (does not meet Meaningful Use objectives)

- Uni-directional (batch load)
- Can transfer smaller amounts of data than HL7 and is less flexible in terms of what can be stored
- **Method of loading**
  - Data is pulled by the clinic and stored in a file on their local server, then
  - Manual upload of file by the clinic via NESIIS interface

### HL7:

- Uni-directional or Bi-Directional (depends on clinic need); **Version 2.3.1/2.4/2.5.1**
- **Methods of loading:**
  - **Manual** (uni-directional only)
    - Data is pulled by the clinic and stored on their local server
    - Manual Upload of file by the clinic via NESIIS interface
  - **Automatic** (uni- or bi-directional, real-time, PHINMS)
    - Data is pulled and stored by the clinic on their local server or on EMR provider server to be automatically transferred to NESIIS
    - Transfer occurs via a secure messaging system called PHINMS, which can be installed either locally (expected) or at the EMR vendor site **or** via Web Services
    - Allows for option of import of NESIIS data to the clinic’s EMR

### What is PHINMS

- Developed by CDC
- Free download; simply requires server space and IT understanding of protocol
- State will help with testing between client and State PHINMS servers & provide config files
- E-mail NESIIS Help Desk with request, who will initiate contact for installation info

